

CLAIMS

1. Scissors, in particular, for surgical purposes, comprising two branches pivotable relative to one another, each of which has a cutting section with a cutting edge at the front end thereof and a handle section at the rear end thereof, wherein at least one of the branches is joined in its cutting section on its inner surface facing the other branch to a metal foil lying flat thereon and extending at least at the cutting edge end of the inner surface as far as this cutting edge end or projecting slightly over this, and the edge of the metal foil arranged at this end of the inner surface forms the cutting edge of this inner surface, and wherein the metal foil has a thickness of between 0.05 and 0.4 mm.
2. Scissors in accordance with Claim 1, wherein the metal foil consists of spring steel.
3. Scissors in accordance with Claim 1, wherein the metal foil consists of a metal with a high degree of hardness.
4. Scissors in accordance with Claim 1, wherein the metal foil is a punched part.
5. Scissors in accordance with Claim 2, wherein the metal foil is a punched part.

6. Scissors in accordance with Claim 1, wherein the metal foil is a laser-cut part.
7. Scissors in accordance with Claim 1, wherein the metal foil is a wire-eroded part.
8. Scissors in accordance with Claim 1, wherein the metal foil is adhesively bonded to the inner surface of the branch.
9. Scissors in accordance with Claim 1, wherein a thermally polymerizable adhesive is arranged between metal foil and inner surface.
10. Scissors in accordance with Claim 1, wherein a hot-melt adhesive is arranged between metal foil and inner surface.
11. Scissors in accordance with Claim 1, wherein a double-sided adhesive surface is arranged between metal foil and inner surface.
12. Scissors in accordance with Claim 1, wherein the metal foil is soldered or welded to the inner surface of the branch.
13. Scissors in accordance with Claim 1, wherein the metal foil is joined to the inner surface of the branch by injecting the material of the branch around the metal foil.
14. Scissors in accordance with Claim 2, wherein the metal foil is joined to the inner surface of the branch by injecting the material of the branch around the metal foil.

15. Scissors in accordance with Claim 13, wherein the metal foil carries projections on the side thereof facing the inner surface of the branch, which dip into the material of the branch.
16. Scissors in accordance with Claim 14, wherein the metal foil carries projections on the side thereof facing the inner surface of the branch, which dip into the material of the branch.
17. Scissors in accordance with Claim 15, wherein the projections comprise undercuts.
18. Scissors in accordance with Claim 15, wherein the projections are distributed in an irregular manner over the metal foil.
19. Scissors in accordance with Claim 13, wherein the projections are formed by a layer of adhesive applied electrolytically to the metal foil.
20. Scissors in accordance with Claim 13, wherein the projections consist of nickel.
21. Scissors in accordance with Claim 13, wherein the projections are formed by the metal foil undergoing an etching treatment.
22. Scissors in accordance with Claim 1, wherein the metal foil and the inner surface of the branch are joined together by hot-stamping.
23. Scissors in accordance with Claim 1, wherein the edge forming the cutting edge of the metal foil comprises projections and recesses lying adjacent one another.

24. Scissors in accordance with Claim 23, wherein the projections and recesses are tooth-shaped.
25. Scissors in accordance with Claim 1, wherein the inner surface has projections raised in the direction towards the opposite branch, which engage in cutouts in the metal foil and thereby position this on the inner surface.
26. Scissors in accordance with Claim 25, wherein a projection is arranged at the edge of the inner surface opposite the cutting edge.
27. Scissors in accordance with Claim 26, wherein the projection extends parallel to the edge of the inner surface over part of the length of this edge.
28. Scissors in accordance with Claim 25, wherein a projection is arranged at the handle section end of the inner surface.
29. Scissors in accordance with Claim 28, wherein this projection converges in the direction towards the front end of the inner surface.
30. Scissors in accordance with Claim 28, wherein the projection is of wedge-shaped design.
31. Scissors in accordance with Claim 1, wherein the inner surfaces are of concave shape and the cutting sections of the two branches are resiliently pressed against one another.

- 32. Scissors in accordance with Claim 1, wherein the cutting sections have a setting.
- 33. Scissors in accordance with Claim 1, wherein the branches consist of a plastic material.
- 34. Scissors in accordance with Claim 1, wherein the plastic material is reinforced with fibers.
- 35. Scissors in accordance with Claim 1, wherein the inner surfaces of the branches extend with the metal foil in the direction towards their handle sections beyond the pivot connection of the branches.
- 36. Scissors in accordance with Claim 35, wherein the pivot connection is arranged in the middle part of the inner surfaces provided with the metal foil.